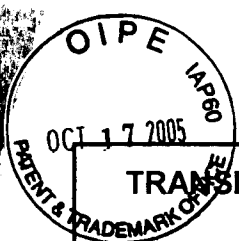


TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT (Under 37 CFR 1.97(b) or 1.97(c))			Docket No. 53047/45121	
In Re Application Of: Bae et al.				
Serial No. 10/537,514	Filing Date June 3, 2005	Examiner unknown	Group Art Unit unknown	
Title: METHOD AND APPARATUS FOR AUTOMATED DETECTION OF TARGET STRUCTURES FROM MEDICAL IMAGES USING A 3D MORPHOLOGICAL MATCHING ALGORITHM				
<p style="text-align: center;">Address to: Assistant Commissioner for Patents P.O. Box 1450, Alexandria, VA 22313-1450</p> <p style="text-align: center;">37 CFR 1.97(b)</p> <p>1. <input checked="" type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed within three months of the filing of a national application other than a continued prosecution application under 37 CFR 1.53(d); within three months of the date of entry of the national stage as set forth in 37 CFR 1.491 in an international application; before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action after the filing of a request for continued examination under 37 CFR 1.114.</p> <p style="text-align: center;">37 CFR 1.97(c)</p> <p>2. <input type="checkbox"/> The Information Disclosure Statement submitted herewith is being filed after the period specified in 37 CFR 1.97(b), provided that the Information Disclosure Statement is filed before the mailing date of a Final Action under 37 CFR 1.113, a Notice of Allowance under 37 CFR 1.311, or an Action that otherwise closes prosecution in the application, and is accompanied by one of:</p> <p style="padding-left: 40px;"><input type="checkbox"/> the statement specified in 37 CFR 1.97(e);</p> <p style="text-align: center;">OR</p> <p style="padding-left: 40px;"><input type="checkbox"/> the fee set forth in 37 CFR 1.17(p).</p>				



TRANSMITTAL OF INFORMATION DISCLOSURE STATEMENT
(Under 37 CFR 1.97(b) or 1.97(c))

Docket No.
53047/45121

In Re Application:

Bae et al.

Serial No.
10/537,514

Filing Date
June 3, 2005

Examiner
unknown

Group Art Unit
unknown

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STATEMENT BY APPLICANT

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of

2

Application Number	10/537,514
Filing Date	June 3, 2005
First Named Inventor	Bae et al.
Art Unit	unknown
Examiner Name	unknown
Attorney Docket Number	53047/45121

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/W.T./	AA	US- 4777598		Kellar et al.	
	AB	US- 4907156		Doi et al.	
	AC	US- 5133020		Giger et al.	
	AD	US- 5146923		Dhawan	
	AE	US- 5185809		Kennedy et al.	
	AF	US- 5319549		Katsuragawa et al.	
	AG	US- 5543709		Kajiyama	
	AH	US- 5583902		Bae	
	AI	US- 5687208		Bae et al.	
	AJ	US- 5881124		Giger et al.	
	AK	US- 5987094		Clarke et al.	
	AL	US- 6055985		Bae et al.	
	AM	US- 6609021		Fan et al.	
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	AT	US- 2002/0009215A1	01-24-2002	Armato, III et al.	
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	AW	US- 2004/0097875A1	05-20-2004	Bae	

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Examiner Initials	Cite No. ¹	Foreign Patent Document Country Code ³ Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
/W.T./	AX	WO 95/15536	06-08-95	Arch Development Corp.		

Examiner
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/Wesley Tucker/

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of

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Application Number

10/537,514

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First Named Inventor

Bae et al.

Art Unit

unknown

Examiner Name

unknown

Attorney Docket Number

53047/45121

NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
/W.T./	AY	Proceedings of the Second International Joint Conference on Pattern Recognition, Aug. 13-15, 1974, Copenhagen; IEEE, Washington, 1974, pp. 258-263, XP002023478, D. H. Ballard et al.; "Hierarchic Recognition of Tumors in Chest Radiographs".	
/W.T./	AZ	Computer Vision Graphics and Image Processing, vol. 43, No. 2, Aug., 1988, MA US, pp. 256-264, XP000004392, S.M. Ali et al., "A New Algorithm for Extracting the Interior of Bounded Regions Based on Chain Coding".	
	BA	Macq B. et al, "Lossless Compression for 3D PET", 1993 Nuclear Science Symposium and Medical Imaging Conference, San Francisco, CA, USA, 30 Oct.-6 Nov. 1993, vol. 41, no. 4, pt. 1, pages 1556-1559, XP002181660	
	BB	Weinberger et al, "From LOCO-I to the JPEG-LS standard", Image Processing, 1999. ICIP 99. Proceedings. 1999 International Conference on Kobe, Japan 24-28 Oct. 1999, Piscataway, NJ, USA, IEEE, US 24 October 1999 (1999-10-24), pages 68-72, XP010368687	
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	BD	Young S.S. et al, "Statistically lossless image compression for CR and DR", Proceedings of the SPIE, Bellingham, VA, US, vol. 3658, 21 February 1999 (1999-02-21), pages 406-419, XP001039680	
	BE	CRAWFORD et al.; "Computed Tomography Scanning With Simultaneous Patient Translation"; <i>Am. Assoc. Med. Phys.</i> ; November/December 1990; pp. 967-982; Vol. 17(6)	
	BF	KAK et al.; "Algorithms for Reconstruction with Nondiffracting Sources"; <i>Principles of Computerized Tomographic Imaging</i> ; 1987; pp. 49-112; Chapter 3; The Institute of Electrical and Electronics Engineers, Inc.; New York	
	BG	KALENDER et al.; "A Comparison of Conventional and Spiral CT: An Experimental Study on the Detection of Spherical Lesions"; <i>Journal of Computer Assisted Tomography</i> ; March/April 1994; pp. 167-176; Vol. 18(2); Raven Press, Ltd.; New York	
	BH	RABBANI et al.; <i>Digital Image Compression Techniques</i> ; 1991; pp. 1-220; Vol. TT 7; Spie Optical Engineering Press; Bellingham, Washington	
	BI	FCD 14495; "Lossless and Near-Lossless Coding of Continuous Tone Still Images" (JPEG-LS); 1997; pp. 1-75; Public Draft; ISO/IEC Copyright Office; Switzerland	

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